Number Path Puzzles

Students use different strategies to add and subtract within 20.

MT.1.OA.7 "Use multiple strategies to add and subtract within 20."

NAME _____ DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

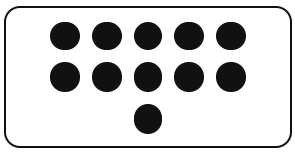
1 CIRCLE IT

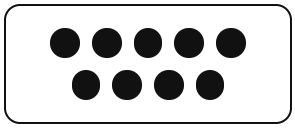
a | 8 | 9 | 10

b | 15 | 14 | 16

c | 12 | 14 | 13

2 SOLVE IT





ANSWER KEY

Number Path Puzzles

GRADE 1 · MT.1.OA.7

HOW TO RUN THIS PAGE

Read each task aloud and give students time to solve it before they mark an answer. Listen for counting on, making ten, and counting back, and record whether each student explains a method independently or with support.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 · CIRCLE IT

SAY "Listen to each problem and try the way I name. Circle the number you get."

ROW	SAY	STUDENTS CIRCLE
a	Start at 6 and count on 3. What number do you get?	**9**
b	What is 8 plus 7? Make ten to find it, then circle your answer.	**15**
c	Start at 16 and count back 3. What number do you get?	**13**

PART 2 · SOLVE IT

SAY "Look at the dots beside each box. For the first box, start with 11 dots and take away 5; for the second, start with 9 dots and add 4. Write each answer, then tell me how you solved one."

- Box 1 (beside 11 dots): **6**
- Box 2 (beside 9 dots): **13**

WHAT TO ACCEPT

Circle rows: 9, 15, 13. Boxes: 6, 13; accept an accurate explanation using any addition or subtraction strategy.